

AGON
BY AOC

ONLY FOR THE TRUE
VALIANT

POWERED BY
24G42E



Embark on your gaming journey with the 24G42E 23.8" Full HD monitor, offering crisp 1920x1080 resolution and a fluid 180Hz refresh rate for superior smoothness in every game. Its Fast IPS panel delivers a lightning-fast 1ms GtG response time, ensuring precise and responsive visuals. Equipped with AdaptiveSync, low input lag, and HDR10 support, this monitor enhances both performance and image quality. The ergonomic tilt stand provides comfort during long sessions, while features like MBR MPRT 0.5ms and G-Menu customization elevate your gaming experience to the next level.

- **Frameless design**
- **E-sports monitor stand**
- **GMENU**
- **Low Input Lag**
- **180Hz Refresh Rate**
- **0.5ms MPRT - Moving Picture Response Time**

FRAMELESS DESIGN

Besides looking modern and attractive, frameless designs enable seamless multi-monitor setups. Your cursor/windows will not be lost anymore in the dark abyss of bezels, when many displays are placed side by side.



E-SPORTS MONITOR STAND

Our new stand. Co-designed with eSports professionals, allows you to maximize free space for all your peripherals. The base of the monitor is designed to reduce the footprint of your monitor on your desk, and even allows you to place your keyboard on top. The stand includes cable management to keep your desk clean. No matter what genre you compete in, we want you to feel like a pro.



GMENU

AOC G-Menu is a free tool that you can install on your PC to have complete customization paired with maximum convenience.



LOW INPUT LAG

Unleash your reflexes by switching to the AOC Low Input Lag mode. Forget graphical frills: this mode rewires the monitor in favour of raw response time, giving the ultimate edge in hair trigger stand offs.

180HZ REFRESH RATE

Competitive and intense gaming demands the best technology to ensure lag-free, smoother gaming. This AGON by AOC monitor features a 180Hz refresh rate, making it 3x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them very difficult targets to hit. A 180Hz frame rate restores those critical missing images back onto the screen, revealing enemy movements in ultra-smooth motion, letting you more easily target. With this AGON by AOC gaming monitor, you won't have to put up with input-lag and screen tearing.



0.5MS MPRT - MOVING PICTURE RESPONSE TIME

MPRT is an acronym for moving picture response time. MPRT technology disables and enables your monitor backlight during picture changes. Through the reduced time a frame is shown on the monitor, "ghosting" and "blurring" effects are reduced, resulting in a smoother, more "fluid" feeling gaming experience.



GENERAL		VIDEO FEATURES		GAMING FEATURES	
Model Name	24G42E	Sync technology (VRR)	Adaptive Sync	Gaming style	Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), Beat'm up, Racing
Brand	AOC	NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Channel	Gaming	Digital Signal Frequency Vertical	48-180Hz	Gaming convenience	G-menu
Product line	AOC Gaming	Digital Signal Frequency Horizontal	30 -200KHz	PS5 Compatibility	1920x1080@120Hz
Design family	G4	HDR (High Dynamic Range)	HDR 10	Xbox X Compatibility	1920x1080@120Hz
Launch date (ETA)	1/1/2025	Blue Light Technology	Low Blue Light	Xbox S Compatibility	1920x1080@120Hz
EAN	4038986642583	Colour space (sRGB) CIE 1976 %	129,3	SUSTAINABILITY	
DISPLAY INFORMATION		Colour space (DCI-P3) CIE 1976 %	93,9	TCO Certified	No
Screen size (inch)	23,8	Colour space (Adobe RGB) CIE 1976 %	91,5	WEEE	Yes
Screen size (cm)	60,5	Flicker-Free	Flicker Free	REACH compliant	Yes
Flat / Curved	Flat	CABINET INFORMATION		RoHs compliant	Yes
Panel treatment	Antiglare (AG)	Bezel Colour (front)	Black	PVC/BFR free housing	Yes
Pixel Pitch (mm)	0,2745	Cabinet colour (backside)	Black	Mercury free	Yes
Pixels per Inch	92,56	Cabinet finishing (backside)	Matt	Recycable packaging material	100 % recycable
Panel resolution	1920x1080	Removable stand	Yes	Carton material	Paper
Aspect ratio	16:9	Kensington Lock	Yes	POWER CONSUMPTION	
Panel type	Fast IPS	Vesa wallmount	100x100	Power supply	Internal
Backlight type	WLED	ERGONOMICS		Power consumption on (typical) in watts	19,0
Max Refresh rate	180 Hz	Tilt	-3° ±2° ~ 21° ±2°	Power consumption standby in watts	0,5
Response time GtG	1 ms			Power consumption off in watts	0,3
Response time MPRT	0.5 ms			Energy class	E
Static contrast ratio	1000:1				
Dynamic contrast ratio	80M:1				
Viewing angle (CR10)	178/178				
Display colours	16.7 Million				
Brightness in nits	300 cd/m²				

REGULATORY COMPLIANCE

CB	Yes
CE	Yes
TUV-Bauart-Mark	Yes
ISO 9241-307	Yes
EAC	Yes
FCC	Yes
UKCA	Yes

CONNECTIVITY INFORMATION

HDMI	HDMI 2.0 x1
DisplayPort	DisplayPort 1.4 x1
Audio Output	Headphone out (3.5mm)

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	540 x 424.3 x 193.9
Product dimensions excl. base (WxHxD) mm	540 x 325 x 50.6
Packaging dimensions (WxHxD) mm	610 x 395 x 126
Gross weight incl. package (in kg)	5,61
Net weight excl. package (in kg)	3,0
Product without stand (kg)	2,62

WHAT'S IN THE BOX

HDMI cable	1.8
Displayport cable	1x
Power Cable	Yes

OTHER INFORMATION

Warranty period	3 years
-----------------	---------

LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products, accessories, cable(s) supplied with the product may vary in type, quantity, and/or specifications in line with country- or region-specific requirements. Specifications are subject to change without notice. The above functionality may vary depending on the user's actual usage conditions. This product is sold with a limited manufacturer's warranty. Please refer to the warranty terms for coverage details. All Rights reserved.